

User Manual Series 14

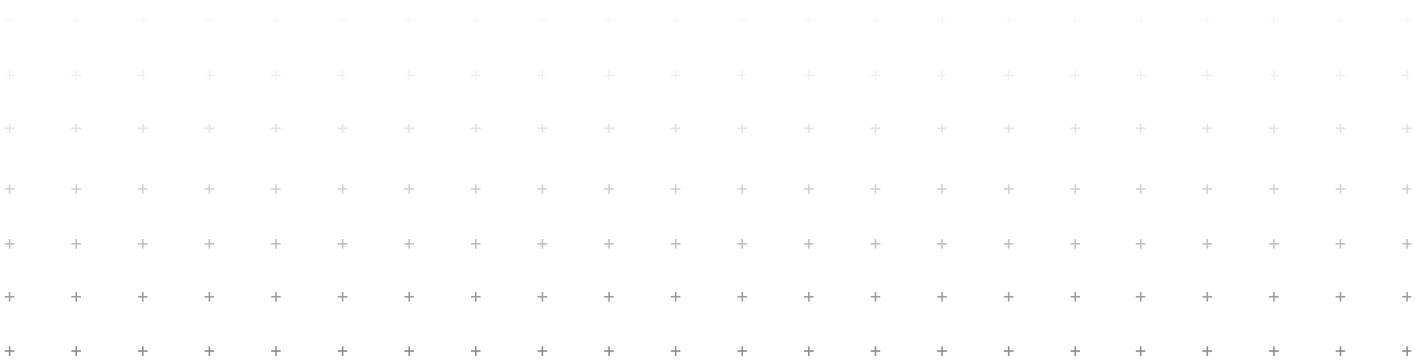
Modular multi-risk safety cabinets

ASP | ASPD | AB56 | AS | ASV | A2P | A2PCA | A3P | A3CA | A1T | A2T | A3T | A4T | ASDD | ASDM11 | ASVM11 | A2P+2P | A2P+2PCA | ASDM22



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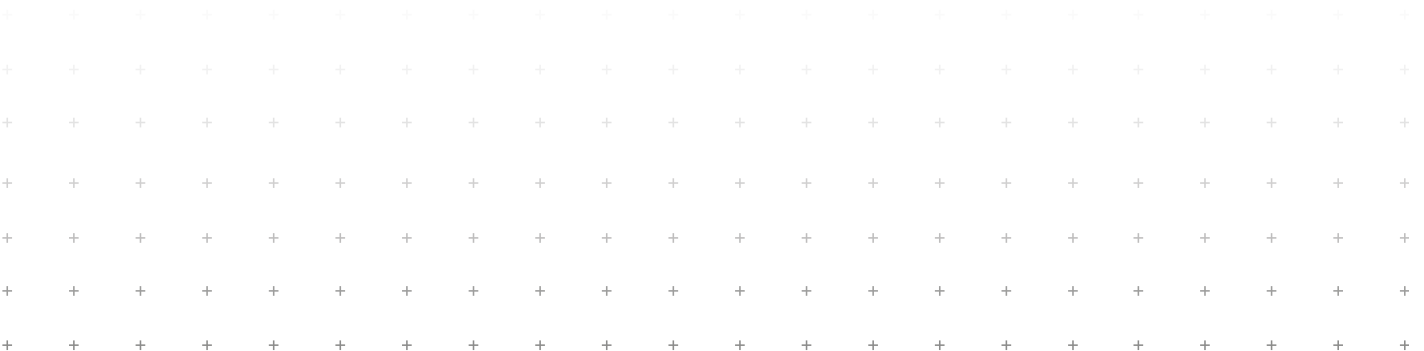


1. GENERAL INSTRUCTIONS AND SAFE USE

- Comply with applicable local regulations regarding the handling of hazardous substances, as well as the instructions set out in this user manual.
- The cabinet must be installed in accordance with the technical and safety requirements of the premises in which it is installed.
- The cabinet must be installed in a location capable of supporting its weight when fully loaded.
- The cabinet is designed for indoor use. It must not be stored outdoors or under a shelter.
- Operating ambient temperature: 0°C to 35°C.
- Operating relative humidity: between 30% and 70%.
- Technical inspections must be carried out by qualified and authorised personnel.
- Spare parts must be genuine spare parts.
- It is recommended that technical safety checks be carried out exclusively by specialist, authorised personnel, and that genuine spare parts be used.
- The cabinet must be used in accordance with these instructions.
- This equipment is for professional use only. Under no circumstances must it be used by children or by anyone who is not of sound mind.
- For obvious safety reasons, it is forbidden to confine any living being inside the cabinet.
- The cabinet doors must always be closed after use. Do not obstruct the opening or closing of the doors.
- If the cabinet is used in a manner not specified in this manual, safety may be compromised.
- Using trained/authorised personnel helps to prevent malfunctions and damage that may result from incorrect use or handling.
- The cabinet must not be dismantled, either in whole or in part, except during maintenance carried out by qualified and authorised personnel.
- Observe the recommended maximum limits for stored quantities.
- It is prohibited to store containers with a capacity greater than that of the spill tray. In the event of a leak of hazardous substances, these must be collected and disposed of immediately.
- To prevent explosive atmospheres and harmful vapours, suitable mechanical ventilation is strongly recommended.
- In the event of a fault with any safety equipment, the cabinet must no longer be used and must be marked as non-compliant until it has been repaired by a qualified and authorised person.
- The use of trained and authorised personnel helps to prevent malfunctions, damage and corrosion that may arise as a result of incorrect installation or use.
- Containers holding corrosive chemicals (acids/bases) must be stored in special cupboards or compartments designed for acids and bases.

Warning: When handling the equipment, you must wear personal protective equipment appropriate to the risks involved: masks, goggles, gloves, lab coats, etc. Before using this appliance, you must have read the instruction manual in full

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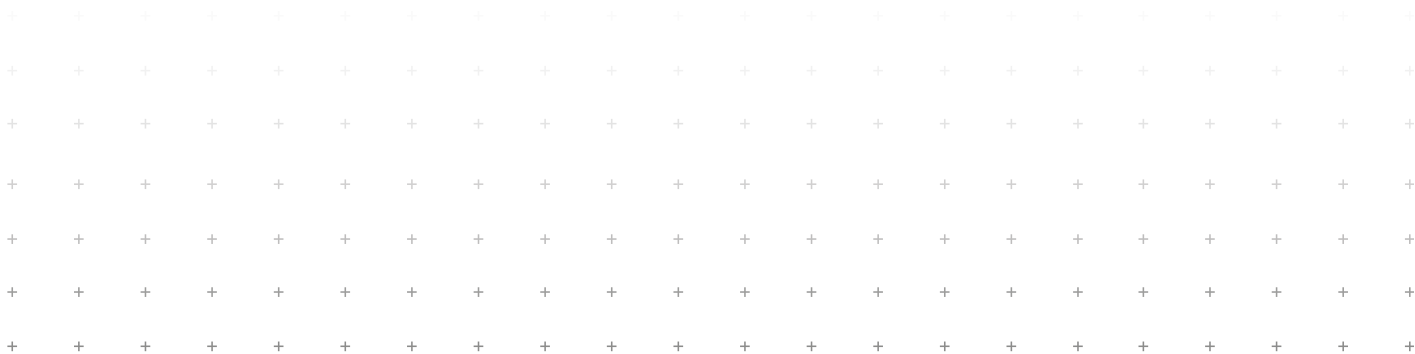
2. TECHNICAL SPECIFICATIONS

2.1. Compliance:

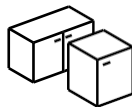
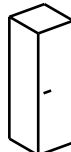
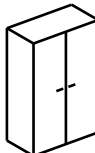
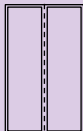
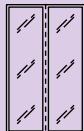
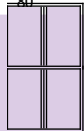
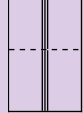
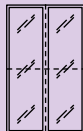
- Complies with Articles R. 5132-66 and R. 5132-68 of the Public Health Code
- Complies with INRS recommendations
- Standardised pictograms compliant with standards NF X 08.003, ISO 3864 and ISO 7010, and with European Directive 92/58/EEC.

2.2. Technical specifications:

- 10/10 steel construction
- White polyester paint, RAL 9010
- Standardised pictograms supplied: 1x 'flammable', 1x 'toxic' and 2x 'corrosive'
- Steel containment shelves, height-adjustable on racks
- Hinged door with lock
- Air inlet with grille at the bottom of the doors, air outlet in the roof
- External dimensions: H 1825 x W 560 x D 545 mm
- Storage capacity: 120 L
- Retention capacity: 2 0L
- Maximum load per shelf: 50 kg
- Weight: 80 kg



2.3. Part numbers for the 14 series

										
Reference	ASP	ASDP	AB56 AB56SV							
Door(s)	1 solid hinged door	2 full hinged	2 full hinged							
Compartment(s)	1	1	2							
Dimensions H x W x D (mm)	670 x 560 x 545	670 x 1100 x 545	670 x 1100 x 545							
Storage capacity (L)	30	60	60 (2 x 30)							
Retention capacity (L)	30	60	60 (2 x 30)							
Steel retention shelf/ PVC	1 / optional	1 / optional	2 / 1							
Steel/PVC spill tray	1 / option	1 / option	1 / 1							
Maximum load per shelf (kg)	50	50	50							
Weight (kg)	25	48	50							
										
Reference	AS	ASV	A2P	A2PCA	A3P	A3PCA	A1T	A2T	A3T	A4T
Door(s)	1 solid hinged door	1 glazed swing door	2 solid hinged		3 solid hinged		1 to 4 solid with drawers			
Compartment(s)	1	1	2		3		1	2	3	4
Dimensions H x W x D (mm)	1825 x 560 x 545	1825 x 560 x 545	1825 x 560 x 545		1825 x 560 x 545		1825 x	560 / 1120 / 1680 / 2240		x 545
Storage capacity (L)	150	150	110 (2 x 55)		90 (3 x 30)		120	240	360	480
Retention capacity (L)	40	40	70 (2 x 35)		90 (3 x 30)		20	40	60	80
Steel/PVC retention shelf	3 / optional	3 / optional	4 / option	4 / 2	3 / option	3 / 1	4	8 / option	12 / optional	16 / optional
Steel/PVC spill tray	1 / option	1 / option	2 / option	1 / 1	3 / option	2 / 1	- / -	- / -	- / -	- / -
Maximum load per shelf (kg)	50	50	50		50		50	50	50	50
Weight (kg)	55	55	85		95		80	160	240	320
										
Reference	ASDD	ASDV	ASDM11	ASVM11	A2+2P	A2+2PCA	ASDM22	ASVM22		
Doors	2 solid hinged doors	2 glazed swing doors	2 solid hinged doors	2 glazed swing doors	4 solid hinged doors		2 solid hinged doors	2 glazed hinged doors		
Compartment(s)	1	1	2	2	4		4	4		
Dimensions H x W x D (mm)	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545		1825 x 1100 x 545	1825 x 1100 x 545		
Storage capacity (L)	300	300	260 (2 x 130)	260 (2 x 130)	220 (4 x 55)		220 (4 x 55)	220 (4 x 55)		
Retention capacity (L)	80	80	92 (2 x 46)	92 (2 x 46)	140 (4 x 35)		140 (4 x 35)	140 (4 x 35)		
Steel/PVC spill containment tray	3 / option	3 / option	6 / option	6 / option	8 / option	8 / 2	8 / 2	8 / 2		
Steel/PVC spill tray	1 / option	1 / option	2 / options	2 / options	optional / option	3 / 1	3 / 1	3 / 1		
Maximum load per	50	50	50	50	50		50	50		
Weight (kg)	99	95	115	130	170		130	130		
										
Reference	EE1	EE2	ES1T	ESASDD	SEPVC	SBPVC	EX120G	EX500G		
Description	Retention shelf containment shelf	Additional additional	Additional containment shelf	Additional containment shelf	PVC top shelf	PVC spill tray	CO fire extinguisher		2	
For cupboard	ASP, AS, ASV, A2P, A3P, A2+2P	ASDM11, ASVM11, ASDM22, ASVM22	A1T, A2T, A3T, A4T	ASDP, ASDD, ASDV	All models except A1T (reference ESP1T); for 1120-wide models with 1 compartment, allow 2 units per level		Please contact us			
Dimensions H x W x D (mm)	22 x 550 x 465	30 x 545 x 468	30 x 420 x 450	20 x 1090 x 465	20 x 525 x 455	90 x 535 x 465	.			
Retention capacity (L)	5	7	5	10	5	21	.			
Weight (kg)	3	3	3	6	2	3	0.2	0.6		

3. INSTALLATION AND COMMISSION

3.1. Transport and handling



The safety cabinet you have just received has been protected and transported under optimal conditions to ensure it is not damaged in transit. The safety cabinet must only be lifted from the bottom using a suitable method (suction pad, strap, etc.). It must be transported in an upright position and must not, under any circumstances, be laid on its side. It is essential to avoid tilting it whilst it is being lifted and transported. Doing so may cause damage that could impair the proper functioning of the safety systems fitted to the cabinet. Furthermore, if this cabinet needs to be moved, it is essential that it is placed on a pallet and secured with straps to prevent it from falling.

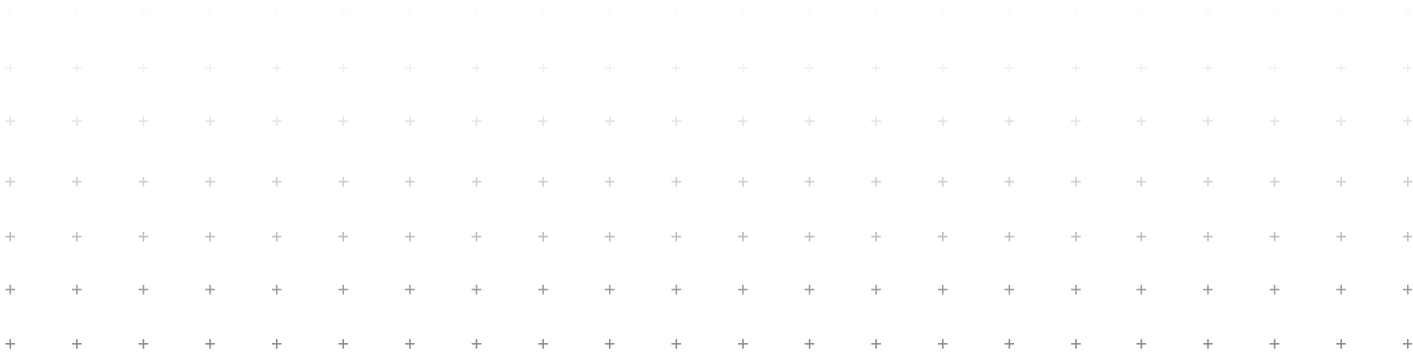
3.2. Installation

The cabinet must be installed on a perfectly level surface capable of supporting its fully loaded weight. The cabinet must be properly levelled and secured to the wall using suitable wall plugs to prevent it from tipping over. Any levelling and shimming must be carried out by the user. Correct levelling of the cabinet must eliminate any distortion of the frame, ensure that the doors are strictly parallel to the frame, and prevent the doors from rubbing against the cabinet frame. The installation site for your cabinet must ensure:

- That it is not exposed, either directly or indirectly, to any source of heat.
- That it is protected from damp and that the ambient temperature in the location where it is situated is not below 0°C or above +35°C.

3.3. Commissioning

After unpacking the cabinet, check that you have received a set of two keys that open the lock. Your safety cabinet must be installed, used and maintained in such a way as to ensure the protection of users.



4. INTERIOR FITTINGS

The cabinet comes as standard with 4 spill-containment shelves.
Please ensure you do not exceed the maximum load of 50 kg. Each shelf has a spill containment capacity of 5 litres.

5. STORAGE

This cabinet is intended exclusively for the storage, in laboratories, industry, workshops, local authorities, etc., of low-hazard products: products that are slightly flammable, slightly corrosive, toxic or harmful, in sealed safety containers. Under no circumstances must it be used for the storage of highly concentrated corrosive substances such as nitric, hydrochloric, hydrofluoric and sulphuric acids... or highly flammable substances (petrol, acetone, etc.).
We would like to remind you that the storage of corrosive substances may impair the proper functioning of the safety features.
Furthermore, please note that damage resulting from misuse of the cabinet, and in particular from corrosion, is not covered by our manufacturer's warranty.

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6. VENTILATION

6.1. Introduction

We recommend that you connect your safety cabinet to a forced ventilation system in order to remove any vapours contained within it (please contact your usual supplier if you have any questions on this matter). The air change rate must be at least 10 times the volume of the cabinet per hour, with the door(s) closed. Furthermore, you must ensure that the forced ventilation system operates 24 hours a day without interruption.

6.2. Connection to a ventilation system

The ventilation inlet is located at the bottom of the doors, in the form of grilles. The ventilation outlet is located on the roof.

The ventilation ducts are connected to the cabinet using a connection kit (comprising a connecting sleeve, two clamps and one metre of flexible ducting); the fan included in this unit extracts the toxic vapours contained within the cabinet and discharges them outside the premises via a roof or wall vent.

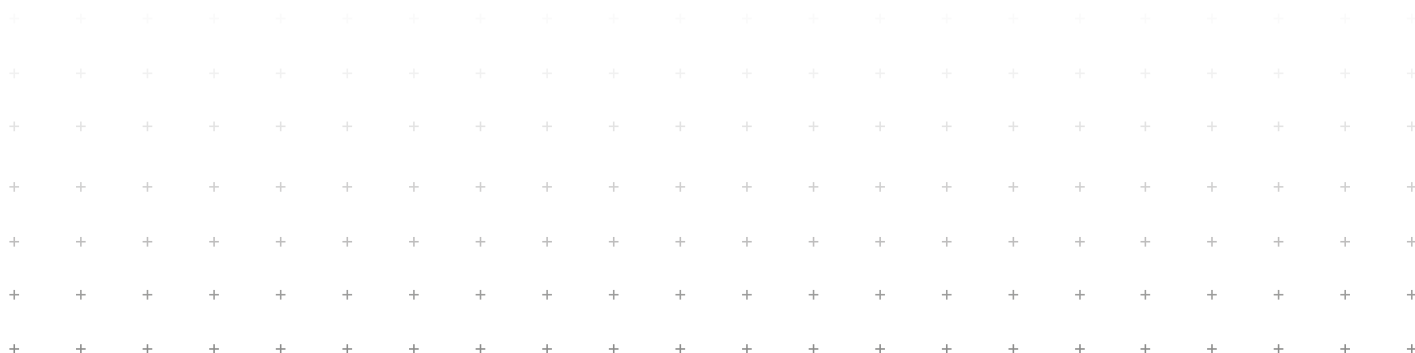
If you are unable to discharge the vapours to the outside, you will need to opt for a filtration unit. Filtration units are fitted with an activated carbon filter which purifies the toxic vapours inside the unit and releases them back into the room in a safe manner. Filtration units are supplied with an activated carbon filter, which should be replaced once a year.

Please do not hesitate to contact your usual supplier for any further information regarding the installation of a ventilation system.

6.3. Operation without forced ventilation

Your safety cabinet may be able to operate without ventilation. However, your cabinet must be placed in a room with its own forced ventilation (at least 5 times the volume of the room per hour).

The cabinet itself and the 2.5-metre radius around it constitute a hazard zone at risk of explosion. Furthermore, if your cabinet's ventilation system is not in operation, you must indicate this by affixing a label stating 'Cabinet not connected to forced ventilation' to one of the doors (not supplied).



7. SAFETY INSPECTION

The safety cabinet is a safety device in its own right. To ensure it remains fully effective, this equipment must be checked regularly.

7.1. Daily safety checks:

- Check whether any substances (liquids, powders, etc.) have been collected in the spill tray. If so, the tray must be emptied and cleaned as soon as possible using suitable equipment (absorbent mats, etc.).
- Check that the cabinet shows no signs of corrosion.
- Check that the cabinet shows no signs of mechanical damage.
- Check that the doors close properly.
- Check that the lock is working properly.

7.2. Monthly safety checks:

- Check that the doors open and close properly.
- Check that the ventilation system is working properly using a piece of paper (only if your cabinet is connected to a forced ventilation system), for example.

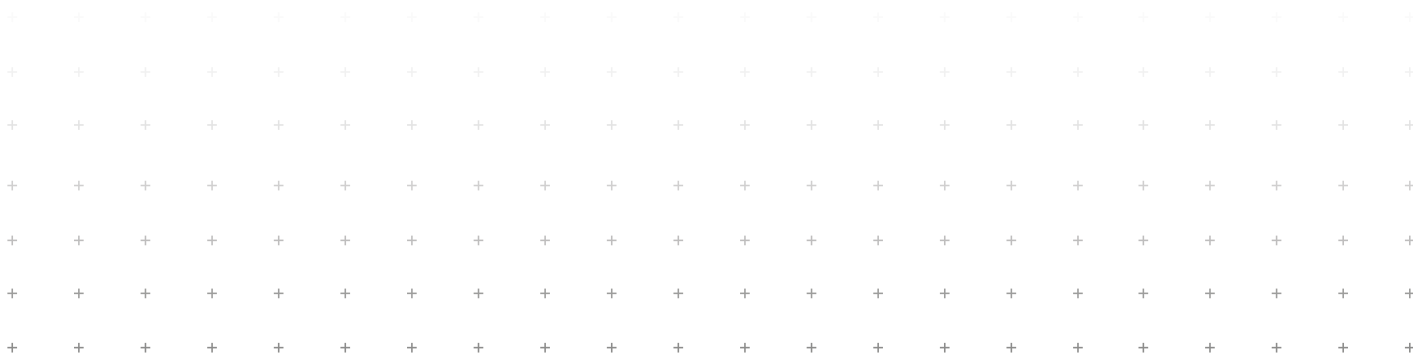
If any damage is found, please contact your usual supplier to have the cabinet repaired using original parts.

These checks must be carried out by your maintenance team. If in doubt or if you have any questions, please contact your usual supplier. Please refer to the checklist (see appendix on the last page).

The cabinet should be cleaned using soapy water only to avoid causing damage. Please note that you must wear suitable personal protective equipment when carrying out any work.

8. SPARE PARTS

- Retention shelf: Part number E S1T
- Door handle: Please contact us
- Pictogram: Reference PICTO
- Lock and set of keys: Please contact us



9. RECYCLING

The safety cabinet can be completely dismantled.
The various components, such as metal... can be disposed of separately for recycling. Please comply with national and local regulations on waste disposal.
Due to their nature, the various parts of your wardrobe must under no circumstances be mixed with household waste.

10. WARRANTY

Your safety cabinet is guaranteed for a period of 12 months against any manufacturing defects under normal conditions of use, from the date shown on the delivery note.

We are committed to the high quality of the materials we use and sell, as well as their compliance with standards.

The new materials and equipment we sell are guaranteed against any manufacturing defects for a period of one year from the date shown on the delivery note. Our warranty applies exclusively in the event of a fault arising from a design defect or a hidden defect and covers only the replacement of materials or parts recognised as defective by our quality and technical department.

It is strictly limited to the repair of the equipment in our workshops. In the event of a claim under warranty, collection of the equipment from the customer's premises will take place in accordance with the terms and conditions set out at the time of the initial delivery. Spare parts are guaranteed for three months following their installation.

- This warranty shall not apply in the following cases:
- The equipment has not been stored, used in accordance with the instructions, or maintained by the user in accordance with normal practice.
 - Where the equipment has been damaged by the user or a third party.
 - In the event of non-payment, by the due date, of all or part of the price of the equipment.
 - The equipment has been modified or repaired by the user or a third party without our prior written consent.
 - In the event of normal wear and tear of the product
 - In the event of damage caused by corrosion.

The invocation of the warranty shall not have the effect of extending its duration. Our warranty shall automatically cease if the purchaser fails to notify us of the defect within 7 days of its discovery, the date of which is the purchaser's responsibility to prove. This warranty does not entitle the purchaser to compensation for costs, damages or loss of business.
Registration number FR021626 pursuant to Article L. 541-10 of the Environment Code.

11. USER CHECKLIST

- ☐ The doors open and close correctly
- ☐ The doors lock properly with a key
- ☐ The forced ventilation system is working correctly (if applicable)
- ☐ The ventilation system is not blocked
- ☐ The ventilation openings are clean
- ☐ The standardised pictogram on the door is in good condition and visible
- ☐ The door hinges are lubricated
- ☐ The lock is lubricated
- ☐ Shelves/drip trays are clean.

